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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/815,720	04/02/2004	Jen-Chih Chang	MR1683-538	9479	
4586 7590 01/11/2007 ROSENBERG, KLEIN & LEE 3458 ELLICOTT CENTER DRIVE-SUITE 101 ELLICOTT CITY, MD 21043			EXAMINER		
			LITHGOW, THOMAS M		
			ART UNIT	PAPER NUMBER	
			1724		
SHORTENED STATUTORY	Y PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE		
3 MONTHS		01/11/2007	PAF	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

	Application No.	Applicant(s)
	10/815,720	CHANG, JEN-CHIH
Office Action Summary	Examiner	Art Unit
	Thomas M. Lithgow	1724
The MAILING DATE of this communication Period for Reply	on appears on the cover sheet wi	th the correspondence address
A SHORTENED STATUTORY PERIOD FOR IN WHICHEVER IS LONGER, FROM THE MAIL! - Extensions of time may be available under the provisions of 37 after SIX (6) MONTHS from the mailing date of this communicated. If NO period for reply is specified above, the maximum statutory. - Failure to reply within the set or extended period for reply will, by Any reply received by the Office later than three months after the earned patent term adjustment. See 37 CFR 1.704(b).	NG DATE OF THIS COMMUNIC CFR 1.136(a). In no event, however, may a retion. period will apply and will expire SIX (6) MON y statute, cause the application to become AB	CATION. eply be timely filed THS from the mailing date of this communication. EANDONED (35 U.S.C. § 133).
Status		
1) Responsive to communication(s) filed on	!•	
	This action is non-final.	
3) Since this application is in condition for a	llowance except for formal matte	ers, prosecution as to the merits is
closed in accordance with the practice un	nder <i>Ex parte Quayle</i> , 1935 C.D	. 11, 453 O.G. 213.
Disposition of Claims		
4)⊠ Claim(s) <u>1-9</u> is/are pending in the applica	ation.	
4a) Of the above claim(s) <u>none</u> is/are with		
5) Claim(s) is/are allowed.		
6)⊠ Claim(s) <u>1-9</u> is/are rejected.		
7) Claim(s) is/are objected to.		
8) Claim(s) are subject to restriction	and/or election requirement.	
Application Papers		
9) The specification is objected to by the Exa	aminer.	•
10)⊠ The drawing(s) filed on <u>02 April 2004</u> is/al		ted to by the Examiner.
' Applicant may not request that any objection		•
Replacement drawing sheet(s) including the	correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by t	he Examiner. Note the attached	Office Action or form PTO-152.
Priority under 35 U.S.C. § 119		
12) Acknowledgment is made of a claim for fo a) All b) Some * c) None of:	oreign priority under 35 U.S.C. §	119(a)-(d) or (f).
1.☐ Certified copies of the priority docu	ments have been received.	•
2. Certified copies of the priority docu	1	oplication No
3. Copies of the certified copies of the	•	-
application from the International E		_
* See the attached detailed Office action for	a list of the certified copies not i	received What Sign
		THOMAS M. LITHGOW PRIMARY EXAMINER
Attachment(s)		GROUP 17.09
1) Notice of References Cited (PTO-892)	4) Intentiou St	ummary (PTO-413)

2) Notice of References Cited (PTO-892)

Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _

4) Interview Summary (PTO-413)
Paper No(s)/Mail Date.

5) Notice of Informal Patent Application

6) Other: ____.

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DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35
 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 1, 7 and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by McIntosh (US 2338291). McIntosh '291 discloses a fuel filter having a body 10 with an internal upper cavity, a guide post 32 having a flow passage inlet therein, inlet 51 for prefilt (also see inlet 26 as an optional second inlet) and outlet 62 for filtrate. There is also a main body 12 locked to the connecting body and a filter mesh 21 disposed between the main body and connecting body. The McIntosh filter is capable on connecting to a spray gun pump and as such meets the limitations of the claim.

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Claim Rejections - 35 USC § 103

- 3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 4. Claims 2-3 rejected under 35 U.S.C. 103(a) as being unpatentable over McIntosh '291 as applied to claim 1 above, and further in view of Eaglestone (US 4388187). Eaglestone '187 similarly discloses a fuel filter with a planar filter 18 and additionally provides a conical lower housing leading to a valve 27 for discharging sedimented contaminants which was contained in the fuel. Such a feature is desirable as it will remove additional contaminants from the fuel and to modify McIntosh '291 with a conical lower housing leading to a valve would have been obvious to one of ordinary skill in the art.
- 5. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over McIntosh '291 as applied to claim 1 above, and further in view of either one of Kempa (US 4250037) or Water house (US 1002099). The use of a threaded connection as recited in the claims is known in the art and

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disclosed by either of the two secondary patents. To employ such a well-known equivalent to the connection means of McIntosh '291 would have been obvious to one of ordinary skill in the art.

- 6. Claims 5 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over McIntosh '291 as applied to claim 1 above, and further in view of Rafton (US 2015087). The use of "washers" to enhance the seal between a filter and its supports and to increase the service life of the filter is taught by Rafton '087. To so modify the filter screen of McIntosh '291 to similarly increase his service lie would have been obvious to one of ordinary skill in the art.
- 7. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over the prior art as applied to claim 5 above, and further in view of Giles (US 4306521). Giles '521 discloses the use of radial support arms 16 along with edge washer 18 to facilitate the strengthening of the screen filter 15 to further extend a filter screens service life. To so modify the filter screen of McIntosh '291 to similarly increase his service lie would have been obvious to one of ordinary skill in the art.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas M. Lithgow whose

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telephone number is 571-272-1162. The examiner can normally be reached on Mon. -Fri..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duane Smith can be reached on 571-272-1166.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Thomas M. Lithgow Primary Examiner

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